

Title (en)

DECALS AND METHODS FOR PROVIDING AN ANTIREFLECTIVE COATING AND METALLIZATION ON A SOLAR CELL

Title (de)

ABZIEHBILDER UND HERSTELLUNGSVERFAHREN VON EINER VERGÜTETEN SCHICHT UND VON EINER METALLISIERUNG AUF EINER SOLARZELLE

Title (fr)

DECALQUES ET PROCEDE VISANT A CONSTITUER UN ENDUIT ANTIREFLECHISSANT ET UNE METALLISATION SUR UNE CELLULE SOLAIRE

Publication

**EP 0970527 A2 20000112 (EN)**

Application

**EP 98912050 A 19980324**

Priority

- US 9805928 W 19980324
- US 82385797 A 19970325

Abstract (en)

[origin: US6146483A] A decal for use in forming a solar cell includes an antireflective precursor material and a patterned electrically conductive material. The antireflective precursor material and the patterned electrically conductive material are disposed over a base material. The antireflective precursor material can be one or more layers of paste which form an antireflective coating upon being fired. A cover layer can be disposed over the antireflective precursor material and the electrically conductive material.

IPC 1-7

**H01L 31/048**

IPC 8 full level

**B41M 3/12** (2006.01); **G02B 1/11** (2015.01); **G02B 1/111** (2015.01); **H01L 31/0216** (2006.01); **H01L 31/0224** (2006.01); **H01L 31/04** (2006.01); **H01L 31/048** (2006.01); B41C 1/02 (2006.01); B41M 1/24 (2006.01)

CPC (source: EP US)

**B41M 3/12** (2013.01 - EP US); **H01L 31/02168** (2013.01 - EP US); **H01L 31/022425** (2013.01 - EP US); **H01L 31/02245** (2013.01 - EP US); **H01L 31/048** (2013.01 - EP US); B41C 1/02 (2013.01 - EP US); B41M 1/24 (2013.01 - EP US); Y02E 10/50 (2013.01 - EP US); Y10T 156/1092 (2015.01 - EP US); Y10T 428/24802 (2015.01 - EP US); Y10T 428/24851 (2015.01 - EP US); Y10T 428/24901 (2015.01 - EP US); Y10T 428/24917 (2015.01 - EP US)

Designated contracting state (EPC)

BE CH DE ES FI FR GB IE IT LI NL

DOCDB simple family (publication)

**US 6146483 A 20001114**; AU 6585898 A 19981020; EP 0970527 A2 20000112; JP 2001520807 A 20011030; US 6206996 B1 20010327; US 6278053 B1 20010821; US 6479316 B1 20021112; WO 9843282 A2 19981001; WO 9843282 A3 19990225

DOCDB simple family (application)

**US 34759399 A 19990701**; AU 6585898 A 19980324; EP 98912050 A 19980324; JP 54597598 A 19980324; US 34589899 A 19990701; US 34647599 A 19990701; US 82385797 A 19970325; US 9805928 W 19980324